

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 12 (Cancelled)

Claim 13 (Currently Amended) A measuring device for use in process technology, having:

a plurality of measurement modules;

a central unit for the connection of different ones of said measurement modules, said central unit containing a central power supply, to which said measurement modules can be connected, wherein:

in said measurement module a module power supply is provided, which generates from said central power supply one or more supply voltage(s) (V₂, V₃) required by said measurement module[.]] ; and

in said measurement module, a feedback unit is provided, which, from the supply voltage (V₄) applied to said measurement module, generates a feedback signal, which can be fed to a regulator of the central power supply, and influences the supply voltage (V₄).

Claim 14 (Previously presented) The measuring device as claimed in claim 13, wherein:

said central power supply can furnish an alternating voltage.

Claim 15 (Previously presented) The measuring device as claimed in claim 13, wherein:

said central power supply can furnish a direct voltage.

Claim 16 (Previously presented) The measuring device as claimed in claim 13, wherein:

said module power supply includes a transformer.

Claim 17 (Previously presented) The measuring device as claimed in claim 13, wherein:

said module power supply includes a switching power supply.

Claim 18 (Previously presented) The measuring device as claimed in claim 13, wherein:

said central power supply includes a first induction apparatus, and said module power supply includes a second induction apparatus.

Claim 19 (Previously presented) The measuring device as claimed in claim 13, wherein:

the voltage furnished by the central power supply can be modulated with an information signal.

Claim 20 (Previously presented) The measuring device as claimed in claim 13, wherein:

the measuring device is used in measuring- and/or cleaning- and/or calibration installations, especially also in the field of process automation, for measuring pH-values and/or redox-potentials and/or other process parameters.

Claims 21 - 22 (Cancelled)

Claim 23 (Currently Amended) The operating method as claimed in claim [[21]] 13, wherein:

the voltage furnished by the central power supply is modulated with an information signal.

Claim 24 (Currently Amended) The operating method as claimed in claim
[[21]] 13, wherein:

the supply voltage(s) (V_2, V_3) is (are) changed during operation.